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| (21) International Application Number: PCT/US99/06633 (22) International Filing Date: 26 March 1999 (26.03.99) (30) Priority Data: 60/079,649 27 March 1998 (27.03.98) US (71) Applicant (for all designated States except US): UNIVERSITY OF NEBRASKA BOARD OF REGENTS [US/US]; Regents Hall, 3835 Holdrege Street, Lincoln, NE 68598 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): BATRA, Surinder, K. [US/US]; 5109 North 139th Street, Omaha, NE 68164 (US). HOLLINGSWORTH, Michael, A. [US/US]; 16371 Page Street, Omaha, NE 68118 (US). (74) Agents: RIGAUT, Kathleen, D. et al.; Dann, Dorfman, Herrell and Skillman, Suite 720, 1601 Market Street, Philadelphia, PA 19103 (US). | | (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> |
| (54) Title: NOVEL GENE THAT IS AMPLIFIED AND OVEREXPRESSED IN CANCER AND METHODS OF USE THEREOF | | |
| (57) Abstract A human nucleic acid, PD2, its encoded protein and antibodies immunologically specific thereto are disclosed herein. The expression of the disclosed PD2 gene plays a key role in the regulation of differentiation and in the maintenance of the neoplastic state. The PD2 gene and its encoded protein represent valuable therapeutic targets in the differential diagnosis and therapy of pancreatic adenocarcinomas. | | |